

Claims:

1. A rotating mechanism for an ornament comprising:
 - a base comprising a first transmission seat, a second transmission seat, and a pair of third transmission seats, a pair of pivot holes being defined in the second transmission seat;
 - a first transmission member rotatably mounted on the first transmission seat, a groove being defined in the side wall of the first transmission member;
 - a second transmission member mounted on the second transmission seat, the second transmission member comprising a head movably received in the groove of the first transmission member, a pair of pivots at opposite side surfaces thereof, and a pair of shoulders, the pivots being pivotably received in the pivot holes of the second transmission seat; and
 - a pair of third transmission members rotatably mounted on the third transmission seats respectively, each shoulder of the second transmission member movably engaging with each third transmission member;wherein when the groove of the first transmission member actuates the head of the second transmission member thereby rotating the second transmission member about the pivots thereof, the shoulders of the second transmission member actuate the third transmission members thereby rotating the third transmission members.
2. The rotating mechanism for an ornament as claimed in claim 1, further comprising a cover attached to the base thereby fixing the first and third transmission members to the base, and a pair of sleeves received in the third transmission members respectively.
3. The rotating mechanism for an ornament as claimed in claim 1, wherein a motor is received in the base with a shaft extending therefrom and connecting with the first transmission member.
4. The rotating mechanism for an ornament as claimed in claim 1, wherein a supporter and a guide rail are formed at the base thereby cooperatively defining the second transmission seat.

5. The rotating mechanism for an ornament as claimed in claim 4, wherein the supporter comprises a pair of boards, the pivot holes are defined in the boards respectively.
- 5 6. The rotating mechanism for an ornament as claimed in claim 5, wherein a pair of L-shaped recesses is defined in the pair of boards thereby cooperatively defining a guide way, and a U-shaped recess is defined in the guide rail.
7. The rotating mechanism for an ornament as claimed in claim 6, wherein the second transmission member further comprises a guide body, the
10 shoulders extend from opposite side surfaces of the guide body, and the guide body is movable along the guide rail and the guide way of the supporter.
8. The rotating mechanism for an ornament as claimed in claim 1, wherein each shoulder of the second transmission member is circular.
- 15 9. The rotating mechanism for an ornament as claimed in claim 1, wherein the groove comprises two symmetrical spired sections connected with each other.
10. The rotating mechanism for an ornament as claimed in claim 1, wherein each third transmission member comprises a pair of guide ribs at the
20 peripheral side wall thereof, and each shoulder of the second transmission member is movably received between the guide ribs and movably engages with the guide ribs.
11. The rotating mechanism for an ornament as claimed in claim 10, wherein the pairs of guide ribs of the third transmission members are symmetrical
25 whereby the transmission members rotate respectively at opposite directions.
12. The rotating mechanism for an ornament as claimed in claim 2, wherein a cutout is defined in an end wall of each third transmission member, and

each sleeve comprises a protrusion for engaging with the cutout of the third transmission member thereby readily positioning the sleeve to the third transmission member.

- 5 13. The rotating mechanism for an ornament as claimed in claim 2, wherein a first through hole and a pair of second through holes are defined in the cover corresponding to the first transmission seat and the third transmission seats respectively.
- 10 14. The rotating mechanism for an ornament as claimed in claim 1, wherein a pair of receiving tubes extends from the base, a pair of fixing tubes is received in the receiving tubes respectively.
- 15 15. The rotating mechanism for an ornament as claimed in claim 14, wherein a pair of positioning ribs extends from the inner side wall of each receiving tube, and a pair of slots is defined in each of the fixing tubes for engaging with the positioning ribs of the receiving tubes thereby readily positioning the fixing tubes to the receiving tubes.
16. The rotating mechanism for an ornament as claimed in claim 3, wherein a transparent multicolored plate is attached to the rotating shaft thereby rotating with the rotating shaft.
- 20 17. The rotating mechanism for an ornament as claimed in claim 16, wherein a housing is attached to the base, a pair of lamps is mounted on the housing and under the transparent multicolored plate, and the motor is mounted on the housing.
- 25 18. A rotating mechanism for an ornament comprising:
a base comprising a first transmission seat, a second transmission seat, and a pair of third transmission seats, a supporter and a guide rail being formed at the base thereby cooperatively defining the second transmission seat, a pair of pivot holes being defined in the supporter;
a first transmission member rotatably mounted on the first transmission seat, a groove being defined in the side wall of the first transmission member,

the groove comprising two symmetrical spired sections connected with each other;

5 a second transmission member mounted on the second transmission seat, the second transmission member comprising a head movably received in the groove of the first transmission member, a pair of pivots at opposite side surfaces thereof, and a pair of shoulders, the pivots being pivotably received in the pivot holes of the second transmission seat;

10 a pair of third transmission members rotatably mounted on the third transmission seats respectively, each third transmission member comprising a pair of guide ribs at the peripheral side wall thereof, each shoulder of the second transmission member being movably received between the guide ribs and movably engaging with the guide ribs; and

a cover attached to the base thereby fixing the first and third transmission members to the base;

15 wherein when the groove of the first transmission member actuates the head of the second transmission member thereby rotating the second transmission member about the pivots thereof, the shoulders of the second transmission member actuate the third transmission members thereby rotating the third transmission members.

20 19.The rotating mechanism for an ornament as claimed in claim 18, further comprising a pair of sleeves received in the third transmission members respectively.

25 20.The rotating mechanism for an ornament as claimed in claim 19, wherein a cutout is defined in an end wall of each third transmission member, each sleeve comprises a protrusion for engaging with the cutout of the third transmission member thereby readily positioning the sleeve to the third transmission member.